

	Type	L #	Hits	Search Text	DBs
1	BRS	L1	5436	(transform or dct or dwt or wavelet or sub adj band or subband) with (edge or activit\$3 or busyness or high\$3 near2 frequenc\$3)	USPAT
2	BRS	L2	903	1 same quantiz\$8	USPAT
3	BRS	L3	663	1 same ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with quantiz\$8)	USPAT
4	BRS	L4	258	3 and ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with bit)	USPAT
5	BRS	L5	101	1 same ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with (select\$3 or adapt\$6) with quantiz\$8)	USPAT
6	BRS	L6	101	5 and ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with (select\$3 or adapt\$6) with quantiz\$8)	USPAT
7	BRS	L7	52	5 and ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with bit)	USPAT
8	BRS	L8	162	(transform or dct or dwt or wavelet or sub adj band or subband) with (edge or activit\$3 or busyness or high\$3 near2 frequenc\$3)	EPO
9	BRS	L9	14	8 same ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with quantiz\$8)	EPO
10	BRS	L10	475	(transform or dct or dwt or wavelet or sub adj band or subband) with (edge or activit\$3 or busyness or high\$3 near2 frequenc\$3)	JPO

	Type	L #	Hits	Search Text	DBs
11	BRS	L11	76	10 same ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with quantiz\$8)	JPO
12	BRS	L12	994	(transform or dct or dwt or wavelet or sub adj band or subband) with (edge or activit\$3 or busyness or high\$3 near2 frequenc\$3)	DERWEN T
13	BRS	L13	37	12 same ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with quantiz\$8)	DERWEN T
14	BRS	L14	2572	(transform or dct or dwt or wavelet or sub adj band or subband) with (edge or activit\$3 or busyness or high\$3 near2 frequenc\$3)	US- PGPUB
15	BRS	L15	315	14 same ((edge or activit\$3 or busyness or high\$3 near2 frequenc\$3) with quantiz\$8)	US- PGPUB; USPAT

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Publications/Services Standards Conferences Careers/Jobs

IEEE Xplore®
 RELEASE 1.8

 Welcome
 United States Patent and Trademark Office

[Help](#) [FAQ](#) [Terms](#) [IEEE Peer Review](#)
[Quick Links](#)

Welcome to IEEE Xplore®

- ☐ Home
- ☐ What Can I Access?
- ☐ Log-out

Tables of Contents

- ☐ Journals & Magazines
- ☐ Conference Proceedings
- ☐ Standards

Search

- ☐ By Author
- ☐ Basic
- ☐ Advanced
- ☐ CrossRef

Member Services

- ☐ Join IEEE
- ☐ Establish IEEE Web Account
- ☐ Access the IEEE Member Digital Library

IEEE Enterprise

- ☐ Access the IEEE Enterprise File Cabinet

Print Format

Your search matched **154** of **1138071** documents.A maximum of **500** results are displayed, **15** to a page, sorted by **Relevance Descending** order.**Refine This Search:**

You may refine your search by editing the current search expression or entering a new one in the text box.

☐ Check to search within this result set**Results Key:****JNL** = Journal or Magazine **CNF** = Conference **STD** = Standard**1 Regression-based prediction for blocking artifact reduction in JPEG-compressed images***Kiryung Lee; Dong Sik Kim; Taejeong Kim;*

Image Processing, IEEE Transactions on , Volume: 14 , Issue: 1 , Jan. 2005

Pages:36 - 48

[\[Abstract\]](#)[\[PDF Full-Text \(1576 KB\)\]](#)**IEEE JNL****2 Springrobot: a prototype autonomous vehicle and its algorithms for detection***Qing Li; Nanning Zheng; Hong Cheng;*

Intelligent Transportation Systems, IEEE Transactions on , Volume: 5 , Issue: 4 , Dec. 2004

Pages:300 - 308

[\[Abstract\]](#)[\[PDF Full-Text \(1376 KB\)\]](#)**IEEE JNL****3 A novel approach to the classification of regional-scale Radar mosaic for tropical vegetation mapping***Sgrenzaroli, M.; Baraldi, A.; De Grandi, G.D.; Eva, H.; Achard, F.;*

Geoscience and Remote Sensing, IEEE Transactions on , Volume: 42 , Issue: 11 , Nov. 2004

Pages:2654 - 2669

[\[Abstract\]](#)[\[PDF Full-Text \(2040 KB\)\]](#)**IEEE JNL****4 The Grand Alliance system for US HDTV***Challapali, K.; Lebeque, X.; Lim, J.S.; Paik, W.H.; Snopko, P.A.;*

Proceedings of the IEEE , Volume: 83 , Issue: 2 , Feb. 1995

Pages:158 - 174

[\[Abstract\]](#) [\[PDF Full-Text \(1508 KB\)\]](#) IEEE JNL

5 Blocking artifacts suppression in block-coded images using overcomplete wavelet representation

Liew, A.W.-C.; Hong Yan;

Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 14 , Issue: 4 , April 2004

Pages:450 - 461

[\[Abstract\]](#) [\[PDF Full-Text \(776 KB\)\]](#) IEEE JNL

6 Spatially adaptive high-resolution image reconstruction of DCT-based compressed images

Sung Cheol Park; Moon Gi Kang; Segall, C.A.; Katsaggelos, A.K.;

Image Processing, IEEE Transactions on , Volume: 13 , Issue: 4 , April 2004

Pages:573 - 585

[\[Abstract\]](#) [\[PDF Full-Text \(816 KB\)\]](#) IEEE JNL

7 Use of "Activity" Classes in Adaptive Transform Image Coding

Gimlett, J.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 23 , Issue: 7 , Jul 1975

Pages:785 - 786

[\[Abstract\]](#) [\[PDF Full-Text \(256 KB\)\]](#) IEEE JNL

8 On the Design of Quantizers for DPCM Coders: A Functional Relation Between Visibility, Probability and Masking

Limb, J.; Rubinstein, C.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 26 , Issue: 5 , May 1978

Pages:573 - 578

[\[Abstract\]](#) [\[PDF Full-Text \(584 KB\)\]](#) IEEE JNL

9 Interfield Hybrid Coding of Component Color Television Signals

Kamangar, F.; Rao, K.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 29 , Issue: 12 , Dec 1981

Pages:1740 - 1753

[\[Abstract\]](#) [\[PDF Full-Text \(1576 KB\)\]](#) IEEE JNL

10 Anisotropic Nonstationary Image Estimation and Its Applications: I II--Predictive Image Coding

Wilson, R.; Knutsson, H.; Granlund, G.;

Communications, IEEE Transactions on [legacy, pre - 1988] , Volume: 31 , Issue: 3 , Mar 1983

Pages:398 - 406

[\[Abstract\]](#) [\[PDF Full-Text \(1736 KB\)\]](#) IEEE JNL

11 Removing the blocking artifacts of block-based DCT compressed images
 Ying Luo; Ward, R.K.;
 Image Processing, IEEE Transactions on , Volume: 12 , Issue: 7 , July 2003
 Pages:838 - 842

[\[Abstract\]](#) [\[PDF Full-Text \(474 KB\)\]](#) [IEEE JNL](#)

12 A de-blocking algorithm and a blockiness metric for highly compressed images
 Wenfeng Gao; Mermer, C.; Yongmin Kim;
 Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 12 , Issue: 12 , Dec. 2002
 Pages:1150 - 1159

[\[Abstract\]](#) [\[PDF Full-Text \(1161 KB\)\]](#) [IEEE JNL](#)

13 Multiframe resolution-enhancement methods for compressed video
 Gunturk, B.K.; Altunbasak, Y.; Mersereau, R.M.;
 Signal Processing Letters, IEEE , Volume: 9 , Issue: 6 , June 2002
 Pages:170 - 174

[\[Abstract\]](#) [\[PDF Full-Text \(260 KB\)\]](#) [IEEE JNL](#)

14 Efficient motion-estimation algorithm for reduced frame-rate video transcoder
 Mei-Juan Chen; Ming-Chung Chu; Chih-Wei Pan;
 Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 12 , Issue: 4 , April 2002
 Pages:269 - 275

[\[Abstract\]](#) [\[PDF Full-Text \(326 KB\)\]](#) [IEEE JNL](#)

15 Adaptive postfiltering of transform coefficients for the reduction of blocking artifacts
 Chen, T.; Wu, H.R.; Qiu, B.;
 Circuits and Systems for Video Technology, IEEE Transactions on , Volume: 11 , Issue: 5 , May 2001
 Pages:594 - 602

[\[Abstract\]](#) [\[PDF Full-Text \(244 KB\)\]](#) [IEEE JNL](#)

[1](#) [2](#) [3](#) [4](#) [5](#) [6](#) [7](#) [8](#) [9](#) [10](#) [11](#) [Next](#)

[Home](#) | [Log-out](#) | [Journals](#) | [Conference Proceedings](#) | [Standards](#) | [Search by Author](#) | [Basic Search](#) | [Advanced Search](#) | [Join IEEE](#) | [Web Account](#) | [New this week](#) | [OPAC Linking Information](#) | [Your Feedback](#) | [Technical Support](#) | [Email Alerting](#) | [No Robots Please](#) | [Release Notes](#) | [IEEE Online Publications](#) | [Help](#) | [FAQ](#) | [Terms](#) | [Back to Top](#)

Copyright © 2004 IEEE — All rights reserved